## REMARKS

By the foregoing Amendment, Claims 1 and 2 are amended. Claims 4-7 have been withdrawn from consideration as being directed to a non-elected species. Entry of the Amendment, and favorable consideration thereof is earnestly requested.

The Examiner has noted that the trademark TEFLON was used incorrectly. The Specification has been amended to obviate this objection.

Claim 1 has been rejected under 35 U.S.C. 102(b) as being anticipated by Maron et al. (U.S. Patent No. 6,176,352) and Claims 1-3 have been rejected under 35 U.S.C. 102(b) as being anticipated by Dieringer et al. (U.S. Patent No. 5,658,055). Applicant respectfully asks the Examiner to reconsider these rejections in view of the above Amendments and the below Remarks.

The present invention is directed to a device in a vehicle brake arrangement for determining the applied brake force. The device includes an enclosed elastically deformable medium, on which the reaction force from the brake force is to act, and a force sensor located remotely from the elastically deformable medium. An axially movable push rod in contact with the medium transmits a force from the elastically deformable medium to the remotely located force sensor.

By the provision of a force-transmitting push rod, the force sensor may be positioned in a portion of the brake arrangement where heat is not a major problem and where for other reasons it may be more advantageous to position the force sensor.

Applicant respectfully submits that at least the above-highlighted elements are not disclosed, taught or suggested by either of the cited prior art references.

Maron et al. discloses an electric brake system which includes one or more sensors 24 (in the brake yoke, in the brake actuating element, or in both) for measuring an elastic deformation in the brake yoke and/or the brake actuating element. In the embodiment which Applicant believes is most pertinent (i.e., the embodiment shown in Figure 1) the sensors 24 include a ferromagnetic core 26 which, in response to elastic deformation of the brake yoke and/or the brake actuating element, dips deeper into a coil of the sensor 24 so as to generate a signal. Applicant assumes that the Examiner equates the ferromagnetic core 26 with the axially moveable push rod required by all claims. However, Applicant would like to point out that the ferromagnetic core 26 does not transmit a force from an elastically deformable medium to a remotely located force sensor, as is required by all claims as amended. Rather, ferromagnetic core 26 comprises part of the force sensor itself, and only translates movement, not force.

Dieringer et al. discloses an electronically controlled brake booster which transmits actuating movement of a brake pedal from a first actuator to a second actuator. Dieringer et al. does disclose an axially moveable pin 368. However, this pin does not transmit a force from an elastically deformable medium to a remotely located force sensor, as is required by all claims as amended. Instead, pin forms part of a contact sensor. More specifically, upon axial movement of the first actuator by a certain distance, a plate 374 contacts an end 373 of the pin 368. At this point, a signal generation means 365 is triggered to generate a signal. Further movement of the first actuator causes the pin to be fully retracted within the sleeve 362 in which it is slideably disposed. The pin 368, however, in no way transmits a force to a remotely located force sensor.

Moreover, Applicant respectfully submits that there is no motivation provided in Maron et al. or Dieringer et al. that it would be desirable to locate a force sensor remotely from the elastically deformable material. Furthermore, even if there was such motivation provided by either of the references, there is no suggestion that such could be achieved through use of a force-transmitting push rod.

For the foregoing reasons, Applicant respectfully submits that all pending claims, namely Claims 1-7, are patentable over the references of record, and earnestly solicits allowance of the same.

Respectfully submitted,

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**Amendments to the Drawings:**

No amendments are made to the Drawings herein.